

REMARKS

In response to the requirement in the Official Action of August 16, 2005 for an election of claims, Applicants hereby elect to prosecute in the present application the claims of Group I, i.e., claims 1-44 and 51-54, drawn to a structure comprising a Si/C superlattice. This election is made without prejudice to Applicants' right to file a divisional application or applications directed to the non-elected claims.

Claim 45 and 46 have been amended such that they are now drawn to the elected invention, and Applicants respectfully submit that they should be examined in the present application along with the other elected claims.

In response to the Examiner's requirement for a species election, Applicants hereby elect to prosecute the species as claimed in claims 23 - 34 (spitaxial silicon carbide). Applicants understand that, upon allowance of a generic claim, Applicants will be entitled to consideration of all of the claims drawn to species in addition to the elected species which require all the limitations of the generic claim (see MPEP Section 806.04(d)).

Applicants have now responded to all of the requirements of the aforementioned Official Action and now respectfully request an early action on the merits of at least the elected claims.

Respectfully submitted,

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